Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	multi$1dimension$3 near3 data$1base$1 near7 (object$3 or image$1) same interval$1 same link$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:46
S2	1	multi$1dimension$3 near3 data$1base$1 near7 (object$3 or image$1) same interval$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:47
S3	120	multi$1dimension$3 near3 data$1base$1 near7 (object$3 or image$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:47
S4	7	S3 and 707/103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25.17:49
S5	16	S3 and 707/104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 17:59
S6	17	S3 and 707/101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04
S7	2	(multi$1dimensional or multidimensional) and spatial near (space$1 or area) and (division$1 or divide$1) same interval$1 same dimension$1 and (extension or extend$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:03
S8	26	(multi$1dimensional or multidimensional) and spatial and (division$1 or divide$1) same interval$1 same dimension$1 and (extension or extend$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:06
S9	11	(multi$1dimensional or multidimensional) and spatial and (division$1 or divide$1) same interval$1 same dimension$1 and (extension or extend$3) and coordinate$1 near system$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:07
S10	24	(multi$1dimensional or multidimensional) and (spatial near dimension$1 or space$1) and (division$1 or divide$1) same interval$1 same (dimension$1 or space$1) and (extension or extend$3) and coordinate$1 near system$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:10

S11	235	coordinate$1 near3 system and multi$1dimension$3 same database$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:12
S12	29	coordinate$1 near3 system same multi$1dimension$3 same database$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:47
S13	2	(coordinate$1 near3 system) same multi$1dimension$3 same interval$1 same database$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 18:48
S14	120	multi$1dimension$3 near3 data$1base$1 near7 (object$3 or image$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04
S15	18	S14 and 707/6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/26 18:04

STIC Search Report

EIC 2100

TO: **Thanh-ha Dang**
Location: **RND 3B15**
Art Unit : **2163**
Wednesday, October 26, 2005

Case Serial Number: **10/019891**

From: **Geoffrey St. Leger**
Location: **EIC 2100**
Randolph-4B31
Phone: **23450**

geoffrey.stleger@uspto.gov

Search Notes

Dear Examiner Dang,

Attached please find the results of your search request for application 10/019891. I searched Dialog's patent files, technical databases and general files.

Please let me know if you have any questions.

Regards,

Geoffrey St. Leger
4B31/x23540

Set	Items	Description
S1	1387340	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIO-NAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	135170	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	91127	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT???? OR PARTIT-ION???)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	188488	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?)(7N)-(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	1013469	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LI-MIT? ? OR MAXIMUM
S6	212283	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR PREARRANGED OR PRESCRIBED)(5N)(VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	380813	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIF-IED OR SPECIFIC OR PARTICULAR)(5N)(VALUE? ? OR NUMBER OR QUAN-TITY OR AMOUNT OR VOLUME)
S8	93517	(EXCEED??? OR SURPASS?)(5N)S5:S7
S9	162396	(BEYOND OR ABOVE OR OVER OR MORE()(THEN OR THAN) OR HIGHER OR GREATER OR LARGER)(5W)S5:S7
S10	37101	(EQUAL? ? OR SAME)(3W)S5:S7
S11	168239	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(OBJECT? ? OR ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATI-ON OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODE-L? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	79396	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(ELEMENTS OR C-OMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	3474	S11:S12(10W)S8:S10
S14	57	S2:S4(10N)S13
S15	41	S1(100N)S14
S16	13	S15 AND AC=US/PR AND AY=(1970:1999)/PR
S17	13	S15 AND AC=US AND AY=1970:1999
S18	13	S15 AND AC=US AND AY=(1970:1999)/PR
S19	26	S15 AND PY=1970:1999
S20	28	S16:S19
S21	28	IDPAT (sorted in duplicate/non-duplicate order)
S22	1	PN=EP 551192
S23	1	S1 AND S22

21/3,K/11   (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00570267
Spatially organized computer display system.
Raumlich organisiertes Rechneranzeigersystem.
Systeme d'affichage d'ordinateur organise spatialement.
PATENT ASSIGNEE:
  INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
    10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  Brewer, Eric Allen, 12143 Bambi Place, Granada Hills, California, (US)
  Pinson, Mark Bradford, 16721 Rinaldi, Granada Hills, California, (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date):   EP 551192 A1 930714 (Basic)
APPLICATION (CC, No, Date):   EP 93300079 930106;
PRIORITY (CC, No, Date): US 819250 920110
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-015/401; G06F-003/033;
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	589
SPEC A	(English)	EPABF1	3565
Total word count - document A			4154
Total word count - document B			0
Total word count - documents A + B			4154

...ABSTRACT on a computer display screen. Graphical objects are stored in
  the graphics database using a spatially organized **data** structure. The
  spatially organized **data** structure is formed by recursively
  subdividing the graphics **space** until each subspace contains no **more**
  than a predetermined **number** of graphical **objects** . The spacially
  organized database is ideally suited for spacial queries required to
  select, based on visual criteria...

21/3,K/13   (Item 13 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00486824
System and method for processing data representing stored images
System und Verfahren zur Verarbeitung von gespeicherte Bilder darstellenden
    Daten
Systeme et procede de traitement de donnees representant des images
    archivees
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
  Garrett, Michael John, "Saxons" Poles Lane, Otterbourne, Nr. Winchester,
    Hampshire, (GB)
  Key, Andrew, 18 Redward Road, Rownhams, Southampton SO1 8JE, (GB)
  Morse, Kenneth, 53 Forest Hills Drive, Town Hill Park, Southampton SO2
    2FZ, (GB)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
    Intellectual Property Department Hursley Park, Winchester Hampshire
    SO21 2JN, (GB)

PATENT (CC, No, Kind, Date):   EP 528084 A1 930224 (Basic)
                               EP 528084 B1 990519
APPLICATION (CC, No, Date):   EP 91307559 910815;
PRIORITY (CC, No, Date): EP 91307559 910815
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-017/30;
ABSTRACT WORD COUNT: 230

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9920	899
CLAIMS B	(German)	9920	843
CLAIMS B	(French)	9920	994
SPEC B	(English)	9920	5262
Total word count - document A			0
Total word count - document B			7998
Total word count - documents A + B			7998

...SPECIFICATION of regions able to be created by said divider. However in
   the preferred embodiment the number of **regions** created by said **divider**
   cannot **exceed** a predetermined number, and if the **number** of stored
   images in said set **exceeds** that **predetermined number** , then said
   assignment device is adapted to assign said stored images to successive
   sets of regions, each...

...output area one set at a time.
   The system of the present invention can operate on image **data**
obtained from a variety of sources. However in the preferred embodiment
the **data** representing stored images is obtained as a result of an image
database search.
   The output medium employed...size less than 200x200 were difficult to
observe clearly, then the user could enter via the keyboard **10** that the
maximum number of images desired is 15 (ie. 5 x 3). Hereinafter the
maximum number...

 21/3,K/14   (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00448823
PASSIVE NETWORK MONITOR AND CORRESPONDING METHOD OF MONITORING
PASSIVER NETZWERKMONITOR UND ENTSPRECHENDES UBERWACHUNGSVERFAHREN
MONITEUR PASSIV DE RESEAU ET PROCEDE DE MONITORAGE CORRESPONDANT
PATENT ASSIGNEE:
  CONCORD COMMUNICATIONS, INC., (1227620), 753 Forest Street, Marlboro, MA
     01752, (US), (Proprietor designated states: all)
INVENTOR:
  DOUGLAS, Robert, H., 13850 North Coral Gables, Phoenix, AZ 85023, (US)
LEGAL REPRESENTATIVE:
  Rupprecht, Kay, Dipl.-Ing. (74711), Meissner, Bolte & Partner Postfach 86
     06 24, 81633 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 425655 A1 910508 (Basic)
                               EP 425655 B1 950111
                               EP 425655 B2 991215
                               WO 9014725   901129
APPLICATION (CC, No, Date):   EP 90908834 900518; WO 90US2895 900518
PRIORITY (CC, No, Date): US 354343 890519
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: H04L-012/26
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text  Language   Update    Word Count
     CLAIMS B   (English)  9950        1528
     CLAIMS B   (German)   9950        1584
     CLAIMS B   (French)   9950        1880
     SPEC B     (English)  9950        6529
Total word count - document A              0
Total word count - document B          11521
Total word count - documents A + B     11521
```

...SPECIFICATION the protocol analyzer 18, which includes an input memory
31, a computer 32, a program memory 33, **and** a **data** memory **34** . The
data **memory** 34 is further logically **divided** into separate **blocks**
of **data** , grouped as a event memory 36, a statistics memory 37 and a
network attributes memory 38.
   The...

...frames, whether valid or invalid, from the frame processor 16. The input
memory 31 is typically a **first** in first out (**FIFO**) memory, and is to
normalize the frame input rate to **computer** 32.
   The computer 32 operates as an inference-processor, to analyze the
sequence of **data** , control, and invalid frames received from the input
memory 31. As previously mentioned, the computer 32 analyzes...

  21/3,K/15   (Item 15 from file: 348)
. DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00402026
Engine control system.
Steuerungsanlage eines Motors.
Systeme de commande d'un moteur.
PATENT ASSIGNEE:
  HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
    100, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Maeda, Yuji, Boda Apartment 534, 2592-1 Takaba, Katsuta-shi, (JP)
  Nagano, Masami, 1308-3 Tabiko, Katsuta-shi, (JP)
  Nakamura, Yozo, 3815-2 Shimoinayoshi, Chiyodamura, Niihari-gun,
    Ibaraki-ken, (JP)
  Nakamura, Kenichi, Sawaryo, 467 Tabiko, Katsuta-shi, (JP)
LEGAL REPRESENTATIVE:
  Molyneaux, Martyn William et al (34013), c/o Ladas & Parry, Altheimer Eck
    2, D-80331 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 403212   A2   901219 (Basic)
                              EP 403212   A3   910403
                              EP 403212   B1   940330
APPLICATION (CC, No, Date):   EP 90306359 900612;
PRIORITY (CC, No, Date): JP 89148411 890613
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: F02P-005/15; F02D-043/00; F02D-041/14;
ABSTRACT WORD COUNT: 73

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
```
Available Text  Language   Update    Word Count
     CLAIMS B   (English)  EPBBF1      370
     CLAIMS B   (German)   EPBBF1      341
     CLAIMS B   (French)   EPBBF1      487
     SPEC B     (English)  EPBBF1     4974
Total word count - document A              0
Total word count - document B           6172
Total word count - documents A + B      6172
```

...SPECIFICATION fundamental value represented by data which is

predetermined for each vehicle and a correction value represented by
data calculated in accordance with the invention and it is stored in
separate maps for idle control and...of data pieces. Then, the difference
between the maximum and minimum is divided by the data number **confined**
within the interval to provide a division value. When **the** division
value exceeds a prescribed value, the **change** in data N is determined to
be of periodical variation so that ignition timing control may be...

...periodical variation is of the resonance frequency can deciding whether
the division value obtained by dividing the **difference** between the
maximum and **minimum** by the **interval** data **number** **exceeds** **the**
prescribed **value** , **whereby** **accuracy** of decision can be promoted.
    Incidentally, in order to extract the performance of the engine to an
...

 21/3,K/16   (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00366956
Data communicating apparatus.
Datenubertragungsgerat.
Dispositif de transmission de donnees.
PATENT ASSIGNEE:
  OMRON TATEISI ELECTRONICS CO., (284760), 10, Tsuchido-cho Hanazono
    Ukyo-ku, Kyoto 616, (JP), (applicant designated states:
    AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;NL;SE)
INVENTOR:
  Azuma, Toshio c/o P.C.Omron Tateisi Electronics Co, 20 Igadera,
    Shimokaiinji, Nagaokakyo-shi, Kyoto 617, (JP)
LEGAL REPRESENTATIVE:
  Calderbank, Thomas Roger et al (50122), MEWBURN ELLIS 2 Cursitor Street,
    London EC4A 1BQ, (GB)
PATENT (CC, No, Kind, Date): EP 350238 A2 900110 (Basic)
                             EP 350238 A3 900808
APPLICATION (CC, No, Date):   EP 89306735 890703;
PRIORITY (CC, No, Date): JP 88166572 880704
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: H04L-001/16;
ABSTRACT WORD COUNT: 79

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   EPABF1   540
     SPEC A   (English)   EPABF1   3278
Total word count - document A   3818
Total word count - document B   0
Total word count - documents A + B   3818

...ABSTRACT A2
    The **data** communicating apparatus **subdivides** an information message
 into data **blocks** each having a **predetermined** length. When the **number**
  of **data** block transmission errors **exceeds** a **fixed** **value** , the
 data block to be subsequently transmitted (including a **data** **block** to
 be retransmitted) is further **subdivided** into small **data** **blocks** for
 the subsequent transmission. As a result, the error occurrence ratio is
 lowered and the **data** communication can be continued even under an
 unfavorable communicating condition.   ...

 21/3,K/17   (Item 17 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00346874
A method of managing defective sectors in a disk-shaped information
    recording medium and an apparatus for performing the same.
Verfahren zur Handhabung defekter Sektoren auf einem plattenformigen
    Informations-Aufzeichnungstrager und Gerat zur Durchfuhrung des
    Verfahrens.
Methode pour gerer les secteurs defectueux sur un support d'enregistrement
    d'information sous forme de disque et appareil pour sa realisation.
PATENT ASSIGNEE:
  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma,
    Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states:
    DE;FR;GB;NL)
INVENTOR:
  Fukushima, Yoshihisa, C-508, 6-14, Sekime Joto-ku, Osaka-shi Osaka, (JP)
  Satoh, Isao, 36-12, Higashigaoka Narita, Neyagawa-shi Osaka, (JP)
LEGAL REPRESENTATIVE:
  Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, D-81677 Munchen,
    (DE)
PATENT (CC, No, Kind, Date):   EP 350920   A2   900117 (Basic)
                               EP 350920   A3   910807
                               EP 350920   B1   940309
APPLICATION (CC, No, Date):   EP 89112854 890713;
PRIORITY (CC, No, Date): JP 88174518 880713
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: G11B-020/18; G11B-020/12; G06F-003/06
ABSTRACT WORD COUNT: 168

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS B   (English)   EPBBF1   1907
      CLAIMS B   (German)   EPBBF1   1685
      CLAIMS B   (French)   EPBBF1   2348
      SPEC B   (English)   EPBBF1   9052
Total word count - document A   0
Total word count - document B   14992
Total word count - documents A + B   14992

...SPECIFICATION sectors from one end of the secondary spare area to such
    defective sector. The main control unit 2 then registers new defect
    entries in the secondary defect list stored in the control data buffer 6
    ...
...error detection and correction circuit 7 to add an error detection and
    correction code to the recorded data which have been stored in the
    transfer data buffer 5 in the procedure of (Q), and thereafter
    specifies an alternative sector address as a target sector address to
    the recording and reproducing control circuit 8, and executes the
    data recording operation . When the data recording operation is
    over , the main control unit 2 executes the verify operation against
    the alternative sector in the same way as the procedure of (R).
        (U) When...

 21/3,K/18   (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00316106
Multiple port assay device
Testvorrichtung mit mehrfachen Offnungen
Dispositif d'essai a multiples orifices
PATENT ASSIGNEE:
  SYNTEX (U.S.A.) INC., (200862), 3401 Hillview Avenue P.O. Box 10850, Palo
    Alto California 94303, (US), (applicant designated states:

```
                DE;ES;FR;GB;IT)
INVENTOR:
  Dafforn, Geoffrey A., 1662 Park Hills Avenue, Los Altos California 94022,
    (US)
  Becker, Martin, 3481 Greer Road, Palo Alto California 94303, (US)
  Kurn, Nurith, 978 Blair Court, Palo Alto California 94303, (US)
  Ullman, Edwin F., 135 Selby Lane, Atherton California 94025, (US)
LEGAL REPRESENTATIVE:
  Armitage, Ian Michael et al (27761), MEWBURN ELLIS York House 23 Kingsway
    , London WC2B 6HP, (GB)
PATENT (CC, No, Kind, Date):   EP 306336   A2   890308 (Basic)
                               EP 306336   A3   901107
                               EP 306336   B1   940223
APPLICATION (CC, No, Date):   EP 88308162 880902;
PRIORITY (CC, No, Date): US 94176 870904
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: G01N-033/543
ABSTRACT WORD COUNT: 119

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language     Update      Word Count
      CLAIMS B   (English)    9712W1         492
      CLAIMS B   (German)     9712W1         487
      CLAIMS B   (French)     9712W1         550
      SPEC B     (English)    9712W1       13286
Total word count - document A                 0
Total word count - document B             14815
Total word count - documents A + B        14815

...SPECIFICATION bound to the bibulous material at least between the
   contact portion and a predetermined site or immunosorbing zone on the
   piece of bibulous material separated from the contact portion such
   that in the presence of more than a predetermined amount of an
   analyte the analogous first sbp member migrates at least to the
   predetermined site on the piece of bibulous material. Next, at least a


 21/3,K/19       (Item 19 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00311292
Sampled data memory system eg for a television picture magnification
    system.
Speichersystem fur bemusterte Daten, zum Beispiel fur ein
    Bildvergrosserungssystem in einem Fernsehempfanger.
Systeme a memoire de donnees echantillonnees, par exemple pour un systeme
    d'agrandissement d'une image de television.
PATENT ASSIGNEE:
  RCA Thomson Licensing Corporation, (944402), 2 Independence Way,
    Princeton New Jersey 08540, (US), (applicant designated states:
    DE;FR;GB;IT)
INVENTOR:
  Shiratsuchi, Shinichi, Apartment 402 3-22-6 Kirigaoka Midori-ku, Yokohama
    Kanagawa Pref 227, (JP)
LEGAL REPRESENTATIVE:
  Pratt, Richard Wilson et al (46454), London Patent Operation G.E.
    Technical Services Co. Inc. Essex House 12/13 Essex Street, London WC2R
    3AA, (GB)
PATENT (CC, No, Kind, Date):   EP 287331   A2   881019 (Basic)
                               EP 287331   A3   910109
                               EP 287331   B1   940309
APPLICATION (CC, No, Date):   EP 88303278 880412;
PRIORITY (CC, No, Date): US 38258 870414
```

DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H04N-009/64; H04N-001/393; G06F-015/62;
ABSTRACT WORD COUNT: 124

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1095
CLAIMS B	(German)	EPBBF1	860
CLAIMS B	(French)	EPBBF1	1262
SPEC B	(English)	EPBBF1	8688
Total word count - document A			0
Total word count - document B			11905
Total word count - documents A + B			11905

...CLAIMS K are positive integers, L being greater than K; and
        the beginning of said second predetermined time **interval** is
    delayed by an amount of time corresponding to not more than L-K
    horizontal line intervals...
...beginning of said predetermined time interval.
  3. The circuitry set forth in Claim 1 wherein said sampled **data** video
      signal from said source represents an unmagnified image and includes
      a vertical field synchronizing signal component...

...field intervals including a plurality of horizontal line intervals of
    samples, and wherein said time-expanded video **signal** represents a
    magnified **image** , said circuitry further **characterized** by:
        signal **separating** means, coupled to said source for separating
    the vertical field synchronizing signal from said video signal and

  21/3,K/20   **(Item 20 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
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00285298
Image display apparatus.
Bildanzeigegerat.
Appareil d'affichage d'images.
PATENT ASSIGNEE:
  NAMCO, LTD., (307000), 8-5, Tamagawa 2-chome, Ohta-Ku Tokyo 146, (JP),
    (applicant designated states: DE;ES;FR;GB;IT)
INVENTOR:
  Ogawa, Toru, 2-35-17, Matsushima, Edogawa-ku Tokyo, (JP)
LEGAL REPRESENTATIVE:
  Weber, Otto Ernst, Dipl.-Phys. et al (12732), Weber & Heim
    Hofbrunnstrasse 36, W-8000 Munchen 71, (DE)
PATENT (CC, No, Kind, Date): EP 277657 A2 880810 (Basic)
                              EP 277657 A3 900516
                              EP 277657 B1 930721
APPLICATION (CC, No, Date):   EP 88101621 880204;
PRIORITY (CC, No, Date): JP 8725672 870205
DESIGNATED STATES: DE; ES; FR; GB; IT
INTERNATIONAL PATENT CLASS: G09G-001/28; G09G-001/16;
ABSTRACT WORD COUNT: 74
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1565
CLAIMS B	(German)	EPBBF1	1405
CLAIMS B	(French)	EPBBF1	1936
SPEC B	(English)	EPBBF1	7155
Total word count - document A			0
Total word count - document B			12061
Total word count - documents A + B			12061

...SPECIFICATION 500-5 and the video RAM 12.

The video RAMs 12-0, 12-1, ... 12-5 provided in the picture formation circuits 500-0, 500-1, ... 500-5, respectively, are composed of six divisions of...500 by using the technique of time sharing.

For example, in order to synthesize one color picture by placing six pictures with one on top of another, as shown in Fig. 2, the picture formation circuit 500 is so composed as to output the character read address signals 210 and the vertical scanning position address signals 220 of the respective pictures 600-0, 600-1, ... 600-5 in that order in synchronization with the horizontal and vertical scans of the CRT.

For this purpose, the picture formation circuit 500...
...the one CRT controller 14 and the video RAM 12 serving as the picture display memory.

a- 1) Video RAM

The memory region of the video RAM 12 is divided into six regions by predetermined addresses, as shown in Fig. 2. In each of the divided regions , as shown in Fig. 2, the character read address of the corresponding scroll reference picture 600-0...

...12-5 shown in Fig. 1.

In this embodiment, the character read address 210 is composed of data of 2 bytes, and each byte of data is registered in the two consecutive character block addresses in the video RAM 12.

a-2) CRT...

21/3,K/21   (Item 21 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00260912
Vector data processing system comprising an I/O control for each vector
    data processor and another I/O control for at least one other vector
    data processor.
Vektordatenverarbeitungssystem   mit   einer   E/A-Steuerung   fur   jeden
    Vektordatenprozessor und einer anderen E/A-Steuerung fur mindestens
    einen anderen Vektordatenpr
Systeme de traitement de donnees vectorielles comprenant une commande
    d'entrees/sorties pour chaque processeur de donnees vectorielles et une
    autre commande d'e
PATENT ASSIGNEE:
  NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo 108-01,
    (JP), (applicant designated states: BE;DE;FR;GB;IT;NL;SE)
INVENTOR:
  Kinoshita, Seiichiro, c/o NEC Corporation 33-1, Shiba 5-chome, Minato-ku
    Tokyo, (JP)
LEGAL REPRESENTATIVE:
  VOSSIUS & PARTNER (100311), Postfach 86 07 67, D-81634 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 263500 A2 880413 (Basic)
                              EP 263500 A3 891129
                              EP 263500 B1 931229
APPLICATION (CC, No, Date):   EP 87114613 871007;
PRIORITY (CC, No, Date): JP 86237851 861008
DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE
INTERNATIONAL PATENT CLASS: G06F-015/347;
ABSTRACT WORD COUNT: 150

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	595
CLAIMS B	(German)	EPBBF1	496
CLAIMS B	(French)	EPBBF1	645
SPEC B	(English)	EPBBF1	5243

```
Total word count - document A              0
Total word count - document B           6979
Total word count - documents A + B      6979
```

...SPECIFICATION zeroth, the second, the fourth, ..., and the $(2n-2)$-nd
vector elements 0, 2, 4, ..., and $(2n - 2)$ of a vector datum are
memorized in the zeroth through the $(n-1)$-st memory cells of...

...far described, the vector registers, such as 21 through 28, of a vector
data processing system are **divided** into a predetermined **number** m
of groups as circuit components of m vector data processors. In other
words, the vector registers of the vector23 and 27, or 24 and 28, of
each set included in the respective **vector data** processors as, for
example, 16 and 17. The **vector** registers of each set, namely, of a
common register number, are **for** memorizing a **vector** datum in
cooperation with one another.
    The fact will now be readily appreciated by one **skilled** in the art
once division of the vector registers into such groups is taught that the
vector...for use in moving the vector elements within each vector data
processor in response to a vector **move instruction indicative of a start
element number which is congruent with zero modulo the predetermined
number m** ...

Set	Items	Description
S1	1387340	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIO-NAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR -DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	135170	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR -HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	91127	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT???? OR PARTIT-ION???)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	188488	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?)(7N)-(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	1013469	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LI-MIT? ? OR MAXIMUM
S6	212283	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -PREARRANGED OR PRESCRIBED)(5N)(VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	380813	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIF-IED OR SPECIFIC OR PARTICULAR)(5N)(VALUE? ? OR NUMBER OR QUAN-TITY OR AMOUNT OR VOLUME)
S8	93517	(EXCEED??? OR SURPASS?)(5N)S5:S7
S9	162396	(BEYOND OR ABOVE OR OVER OR MORE()(THEN OR THAN) OR HIGHER OR GREATER OR LARGER)(5W)S5:S7
S10	37101	(EQUAL? ? OR SAME)(3W)S5:S7
S11	168239	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(OBJECT? ? OR -ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATI-ON OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODE-L? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	79396	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(ELEMENTS OR C-OMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	3474	S11:S12(10W)S8:S10
S14	57	S2:S4(10N)S13
S15	41	S1(100N)S14
S16	13	S15 AND AC=US/PR AND AY=(1970:1999)/PR
S17	13	S15 AND AC=US AND AY=1970:1999
S18	13	S15 AND AC=US AND AY=(1970:1999)/PR
S19	26	S15 AND PY=1970:1999
S20	28	S16:S19
S21	28	IDPAT (sorted in duplicate/non-duplicate order)

Set	Items	Description
S1	12992108	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIO-NAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR -DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	203199	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR -HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S3	126214	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT???? OR PARTIT-ION???)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S4	175420	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?)(7N)-(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S5	5072109	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LI-MIT? ? OR MAXIMUM
S6	20730	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -PREARRANGED OR PRESCRIBED OR PRESELECTED)(5N)(VALUE? ? OR NUM-BER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S7	462024	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIV-EN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(5N)(VALUE? ? OR NU-MBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S8	52053	(EXCEED??? OR SURPASS?)(5N)S5:S7
S9	177681	(BEYOND OR ABOVE OR OVER OR MORE()(THEN OR THAN) OR HIGHER OR GREATER OR LARGER)(5W)S5:S7
S10	21720	(EQUAL? ? OR SAME)(3W)S5:S7
S11	167996	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(OBJECT? ? OR -ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATI-ON OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODE-L? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)

```
S12     54073   (NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(ELEMENTS OR C-
                · OMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES
                OR MACHINES)
S13       385   S11:S12(10W)S8:S10
S14         0   S2:S4(10N)S13
S15       203   S1 AND S13
S16      1047   AU=(OLSSON, B? OR OLSSON B?)
S17         0   S13 AND S16
S18         4   S1 AND S2:S4 AND S16
S19         2·  RD (unique items)
```

19/TI/1   (Item 1 from file: 2)

 Title: Positron-impact ionization of atomic hydrogen

19/TI/2   (Item 1 from file: 144)

 Transoesophageal echocardiography-guided cardioversion of atrial fibrillation or flutter : Selection of a low-risk group for immediate cardioversion

Set	Items	Description
S1	10196028	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIO-NAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR -DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	393012	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR -HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S3	135556	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT???? OR PARTIT-ION???)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S4	140669	(SEGMENT????? OR SEPARATED OR SEPARATING OR FRAGMENT?)(7N)-(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS?? OR QUADRANT? ?)
S5	2222779	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LI-MIT? ? OR MAXIMUM
S6	17964	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -PREARRANGED OR PRESCRIBED OR PRESELECTED)(5N)(VALUE? ? OR NUM-BER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S7	446057	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -OR DEFIN? OR ARRANGED OR SELECTED) OR FIXED OR CERTAIN OR GIV-EN OR SPECIFIED OR SPECIFIC OR PARTICULAR)(5N)(VALUE? ? OR NU-MBER OR QUANTITY OR AMOUNT OR VOLUME OR RANGE)
S8	56150	(EXCEED??? OR SURPASS?)(5N)S5:S7
S9	124915	(BEYOND OR ABOVE OR OVER OR MORE()(THEN OR THAN) OR HIGHER OR GREATER OR LARGER)(5W)S5:S7
S10	11762	(EQUAL? ? OR SAME)(3W)S5:S7
S11	272357	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(OBJECT? ? OR -ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATI-ON OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODE-L? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	34880	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(ELEMENTS OR C-OMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	427	S11:S12(10W)S8:S10
S14	2	S2:S4(10N)S13

14/3,K/1   (Item 1 from file: 275)

01620675   SUPPLIER NUMBER: 14425888   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The SPLASH class library. (includes a related article providing a SPLASH
  function reference) (Tutorial)
Morris, Jim
C Users Journal, v11, n10, p49(16)
Oct, 1993
DOCUMENT TYPE: Tutorial   ISSN: 0898-9788   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 6736   LINE COUNT: 00601

...   don't write to any variables in the class) coast functions. This
makes the intent of the **functions** clear to people reading the code. It
also means that these functions can be called from within...is specified
then any string that matches the RE (Regular Expression) pat is considered
a separator to **split** on; the
     default is white-- **space** . If limit is **specified** then no more than
that **number** of **elements** is generated. If limit is not specified, then
empty entries are stripped from the end of the...SPStringList$ 1)- Same as
above but takes a precompiled regular expression.
     int tr(search, repl [,opts]) -- replaces **all** occurrences of
characters in search with the equivalent character in repl. If repl is
empty then just...

 14/3,K/2   (Item 1 from file: 15)

01522400 01-73388
Activity-based costing in commercial lending: The case of Signet Bank
Cross, Rob; Majikes, Matthew; Kelleher, John
Commercial Lending Review v12n4 PP: 24-30 Fall 1997
ISSN: 0886-8204 JRNL CODE: CLV
WORD COUNT: 3506

...TEXT: can easily assign the full cost of support activities to revenue
centers and then determine profitability by **division** , customer **segment** ,
or loan program. With **volume** **information** about renewal rates, loans
above and below significant dollar **thresholds** , percentage of loan type
in portfolio, and approval rates for credits, you can develop a sound ABC
...

Set	Items	Description
S1	2937912	MULTIDIMENSION?? OR (MULTI OR N)()DIMENSION?? OR NDIMENSIO-NAL?? OR (N OR VECTOR OR DATA) OR DIMENSIONAL(1W)SPACE? ? OR -DATASPACE? ? OR 3D OR 3()D OR (THREE OR THIRD)()DIMENSION?? OR HYPERCUBE? ? OR HYPER()CUBE? ?
S2	154289	(DIVID??? OR DIVISION??? OR HALV??? OR HALFED OR HALFS OR -HALFING)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S3	84097	(BREAK??? OR BROKEN OR SUBDIVI????? OR SPLIT???? OR PARTIT-ION???)(7N)(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S4	109550	(SEGMENT?????? OR SEPARATED OR SEPARATING OR FRAGMENT?)(7N)-(INTERVAL? ? OR SPACE? ? OR DATASPACE? ? OR AREA? ? OR REGION? ? OR ZONE? ? OR BLOCK? ? OR SECTION? ? OR VOLUME? ? OR GROUP? ? OR SLICE? ? OR AXIS??)
S5	917491	THRESHOLD? ? OR CEILING? ? OR BOUNDARY OR BOUNDARIES OR LI-MIT? ? OR MAXIMUM
S6	345070	(PREDETERMIN? OR PRESET? OR PREESTABLISH? OR PREDEFIN? OR -PREARRANGED OR PRESCRIBED)(5N)(VALUE? ? OR NUMBER OR QUANTITY OR AMOUNT OR VOLUME)
S7	320998	((PREVIOUSLY OR PRE)()(DETERMIN? OR SET???? OR ESTABLISH? -OR DEFIN? OR ARRANGED) OR FIXED OR CERTAIN OR GIVEN OR SPECIF-IED OR SPECIFIC OR PARTICULAR)(5N)(VALUE? ? OR NUMBER OR QUAN-TITY OR AMOUNT OR VOLUME)
S8	93624	(EXCEED??? OR SURPASS?)(5N)S5:S7
S9	100348	(BEYOND OR ABOVE OR OVER OR MORE()(THEN OR THAN) OR HIGHER OR GREATER OR LARGER)(5W)S5:S7
S10	12847	(EQUAL? ? OR SAME)(3W)S5:S7
S11	182525	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(OBJECT? ? OR -ITEM? ? OR ENTRY OR ENTRIES OR MEMBER? ? OR DATA OR INFORMATI-ON OR CONTENT OR RECORD? ? OR DOCUMENT? ? OR IMAGE? ? OR MODE-L? ? OR FILE? ? OR DRAWING? ? OR PARTS OR PIECES)
S12	85054	(NUMBER OR AMOUNT OR VOLUME OR QUANTITY)(2W)(ELEMENTS OR C-OMPONENT? ? OR SUBCOMPONENT? ? OR ASSEMBLIES OR SUBASSEMBLIES OR MACHINES)
S13	1769	S11:S12(10W)S8:S10
S14	57	S1 AND S13 AND S2:S4
S15	24	S2:S4(10N)S13
S16	20	S1 AND S15
S17	20	' IDPAT (sorted in duplicate/non-duplicate order)

17/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011935629   **Image available**
WPI Acc No: 1998-352539/199831
XRPX Acc No: N98-275665
   Data **processor with group divided** data **searching function - in which**
   particular **group is** divided **if** number **of** components **in that** group
   exceeds **first** threshold **value**
Patent Assignee: FUJITSU LTD (FUIT); PFU KK (USAE)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10134084   A   19980522   JP 97229762   A   19970826 199831 B

Priority Applications (No Type Date): JP 96232116 A 19960902
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10134084   A   14 G06F-017/30

Abstract (Basic): JP 10134084 A
      The **data** processor sets up maximum number of components managed
   in one group as a first threshold-value. If the **number** of **components**
   in each group **exceeds** the first **threshold** **value** , that
   particular **group** is **divided** . A processing unit makes number of
   groups increase automatically.
      ADVANTAGE - Increases number of groups, automatically. Eliminates
   necessity of estimating and deciding range of groups. Prevents
   reduction of search efficiency. Searches **data** quickly. Applies to
   various application software with search function. Reduces required
   memory capacity for storing **data** .
      Dwg.4/11
Title Terms: **DATA** ; PROCESSOR; GROUP; DIVIDE; **DATA** ; SEARCH; FUNCTION;
   GROUP; DIVIDE; NUMBER; COMPONENT; GROUP; FIRST; THRESHOLD; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-007/36
File Segment: EPI

 17/5/2   (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05850984   **Image available**
 DATA PROCESSOR

PUB. NO.:   10-134084 [JP 10134084 A]
PUBLISHED: May 22, 1998 (19980522)
INVENTOR(s):   SUMIYA MASATAKE
               KOIDE KAZUHIRO
               ATSUMI NOBORU
               HIRANO KAZUYOSHI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
               (Japan)
               PFU LTD [366680] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   09-229762 [JP 97229762]
FILED: August 26, 1997 (19970826)
INTL CLASS: [6] G06F-017/30; G06F-007/36
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.1
               (INFORMATION PROCESSING -- Arithmetic Sequence Units); 45.2
               (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers &

Microprocessers)

ABSTRACT
PROBLEM TO BE SOLVED: To speed up the retrieval of **data** and reduce a storage area for **data** by setting the maximum **number** of **elements** (threshold value) managed in one **group** , **dividing** a **group** which **exceeds** the **threshold** value, and automatically increasing the number of groups.

SOLUTION: Each time an element is put in a proper group (step 100), a comparison with the maximum number of elements (threshold value) which are grouped is made, and when the maximum **number** of **elements** (**threshold** value) is **exceeded** (step 101), the **group** is **divided** into two (step 102). Therefore, the number of elements in one group does not become impartial as the number of groups increase automatically and when the number of elements reaches a certain value, groups automatically increase in number, so that **data** are managed with a proper number of elements. Namely, groups managing a specific range are increased or decreased at any time and the range is made variable to perform dynamic control, thereby controlling the range from the small group to large group.

17/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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017192952   **Image available**
WPI Acc No: 2005-516579/200553
XRPX Acc No: N05-421572
   Document image processor for full-color composite machine, performs fragmentation elimination process based on determination of whether number **of** fragmented image data **storage** area **is** more than preset value **, and memory is rewritable memory**
Patent Assignee: RICOH KK (RICO)
Inventor: KURANAGA T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2005189972	A	20050714	JP 2003427670	A	20031224	200553	B

Priority Applications (No Type Date): JP 2003427670 A 20031224
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005189972	A		10	G06F-012/00	

Abstract (Basic): JP 2005189972 A
    NOVELTY - A determination unit determines whether number of storage area in a memory required for storing fragmented document image **data** , is greater than preset value. Another determination unit determines whether the memory is a rewritable memory. A processor performs fragmentation elimination process, by transmitting/receiving image **data** between host computer and the composite machine, according to the determination results.
    USE - For full-color composite machine with copier, printer and facsimile functions.
    ADVANTAGE - Enables to perform fragmentation elimination process with high efficiency and reduced power consumption, irrespective of the reduction of image **data** delivery speed with respect to the host computer.
    DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the document image processing system.
    composite machines (10)
    host computer (20)
    network (30)
    connecting cable (40)
    pp; 10 DwgNo 1/7

Title Terms: DOCUMENT; IMAGE; PROCESSOR; FULL; COLOUR; COMPOSITE; MACHINE;
  PERFORMANCE; FRAGMENT; ELIMINATE; PROCESS; BASED; DETERMINE; NUMBER;
  FRAGMENT; IMAGE; **DATA** ; STORAGE; AREA; MORE; PRESET; VALUE; MEMORY;
  REWRITING; MEMORY
Derwent Class: S06; T01; T04; W02
International Patent Class (Main): G06F-012/00
File Segment: EPI

 17/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016506927   **Image available**
WPI Acc No: 2004-665207/200465
XRPX Acc No: N04-526824
  **Networked based schedule management system in office, categorizes and
  summarizes every day plan of users for one month, and stores it in one
  document**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001   Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 2004259019 A   20040916 JP 200349487   A   20030226 200465 B

Priority Applications (No Type Date): JP 200349487 A 20030226
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
JP 2004259019 A   17 G06F-017/60

Abstract (Basic): JP 2004259019 A
      NOVELTY - The system categorizes and summarizes the every day plan
  of users for one month, and stores it in one document (400), and
  divides the document, if the **volume** of the **document   exceeds
  predetermined   volume** .
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (1) schedule management program; and
      (2) computer readable recording medium storing schedule management
  program.
      USE - For distributing and managing schedules for individual and
  group in office, using network.
      ADVANTAGE - Since the whole month schedule is stored in one
  document, the amount of document is reduced and a rapid search is
  possible. The document is divided the schedule of a person having lot
  of plans is also easily managed.
      DESCRIPTION OF DRAWING(S) - The figure shows a demonstration of
  data transfer when a schedule document is divided. (Drawing includes
  non-English language text).
      schedule document (400)
      new document (401)
      pp; 17 DwgNo 8/12
Title Terms: BASED; SCHEDULE; MANAGEMENT; SYSTEM; OFFICE; CATEGORY; DAY;
  PLAN; USER; ONE; MONTH; STORAGE; ONE; DOCUMENT
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

 17/5/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013997841
WPI Acc No: 2001-482056/200152

XRPX Acc No: N01-356764
  View space **representation** data **producing method involves force**
  splitting **element until** number **of** elements **in queue** equals   preset
    level
Patent Assignee: UNIV CALIFORNIA (REGC)
Inventor: ALDRICH C; DUCHAINEAU M; MILLER M C; MINEEV-WEINSTEIN M B; SIGETI
  D E; WOLINSKY M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6208997	B1	20010327	US 9763744	A	19971017	200152	B
			US 98173213	A	19981015		

Priority Applications (No Type Date): US 9763744 P 19971017; US 98173213 A
  19981015
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6208997	B1		35	G06F-017/30	Provisional application US 9763744

Abstract (Basic): US 6208997 B1

      NOVELTY - The splitted groups of specified element are tested
  corresponding to view volume and added with element to obtain new
  element. The tested groups which are within view **volume** are inserted
  into **split** queue. The new elements are again splitted until **number**
  of **elements** in queue equals **preset** level, and output as reduced
  resolution view space **data** representing terrain features.
      DETAILED DESCRIPTION - A world space database is preprocessed by
  forming a database having a element for each spatial region
  corresponding to a first selected level of detail. A multi resolution
  database is formed by merging the elements at the finest and subsequent
  intermediate levels of detail, to specify a element resolution
  hierarchy, until a coarsest selected resolution is obtained. A view
  independent error metric which is approximately monotonic with the
  elements of the multi resolution database is computed for each element
  at each level of detail. The multi resolution database and the
  associated error metrics are stored, and processed in real time. A view
  parameter for a view volume including a view location and field of view
  is selected. Elements with the coarsest resolution are selected for an
  initial representation data set. A view volume test is performed to
  select specified element from initial representation **data** set within
  the view volume. The view independent error metric is converted into
  view dependent error metric using the view parameters. The selected
  specified element is placed in a split queue depending on the value of
  view dependent error metric. The specified element having the largest
  error metric is placed at head of the queue. The number of specified
  elements in a queue is determined whether it equals or exceeds a preset
  number of elements in a queue or the largest error matrix is determined
  whether it is less than or equal to a selected upper error metric
  bound. When the number of specified element in the queue exceeds a
  preset level, the specified element at the head of the queue is force
  splitted. The specified element is removed from an initial
  representation **data** set and splitted into several groups.
      USE - In visual artifacts for producing reduced resolution terrain
  representation.
      ADVANTAGE - The specified elements are force splitted when the
  number of elements in the queue exceeds a preset level, and the
  continuity in function representation of spatial database is achieved.
      pp; 35 DwgNo 0/23
Title Terms: VIEW; SPACE; REPRESENT; **DATA** ; PRODUCE; METHOD; FORCE; SPLIT;
  ELEMENT; NUMBER; ELEMENT; QUEUE; EQUAL; PRESET; LEVEL
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

  17/5/6   (Item 6 from file: 350)

013802720   **Image available**
WPI Acc No: 2001-286932/200130
XRPX Acc No: N01-204927
  **Thermal line printer driving method involves performing time division
  drive of heat resistor groups in blocks and controlling stepper motor to
  feed paper**
Patent Assignee: SEIKO INSTR INC (DASE)
Inventor: JIMBO S
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001063124	A	20010313	JP 99239284	A	19990826	200130	B
US 6518992	B1	20030211	US 2000638260	A	20000811	200314	

Priority Applications (No Type Date): JP 99239284 A 19990826

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001063124	A		10	B41J-002/355	
US 6518992	B1			B41J-002/355	

Abstract (Basic): JP 2001063124 A
     NOVELTY - Heat resistors (R) of the thermal line head (3) are
divided into n blocks each having m groups, where (m, n) are
integers. Time division drive of each group is performed. After each
drive, a stepper motor is controlled to feed paper.
     DETAILED DESCRIPTION - Time **division** drive of each heat resistor
group is performed, when **amount** of print **data** is **more   than**
predetermined   value . The temperature of the thermal line head is
determined based on time division drive of the heat resistor group. An
INDEPENDENT CLAIM is also included for thermal line printer.
     USE - For driving thermal line printer.
     ADVANTAGE - Minimizes non-uniformity in printing density at low
power consumption, thereby prevents time dependent degradation of
paper, and hence facilitates to use variety of printing papers.
     DESCRIPTION OF DRAWING(S) - The figure shows the thermal line head
of thermal line printer. (Drawing includes non-English language text).
     Thermal line head (3)
     Heat resistor (R)
     pp; 10 DwgNo 2/11
Title Terms: THERMAL; LINE; PRINT; DRIVE; METHOD; PERFORMANCE; TIME; DIVIDE
  ; DRIVE; HEAT; RESISTOR; GROUP; BLOCK; CONTROL; STEP; MOTOR; FEED; PAPER
Derwent Class: P75; T04
International Patent Class (Main): B41J-002/355
File Segment: EPI; EngPI

 17/5/7   (Item 7 from file: 350)

013451998   **Image available**
WPI Acc No: 2000-623941/200060
XRPX Acc No: N00-462747
  **Data transmitter for paging communication system sets temporary and
  normal addresses relevant to primary and secondary data groups, based
  on which data is forwarded to relevant destination**
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2000253045	A	20000914	JP 9953759	A	19990302	200060	B

Priority Applications (No Type Date): JP 9953759 A 19990302
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 2000253045 A   12 H04L-012/54

Abstract (Basic): JP 2000253045 A
        NOVELTY - The receiving **amount** of **data** is compared with
    threshold limits. When the receiving amount is **above**   **limit** , the
    received **data** is **divided** into several **groups** . Temporary address
    is set for each group and accordingly the **data** is forwarded. The
    normal and temporary addresses are added to primary and secondary
    groups. Based on the addresses the **data** is forwarded relevant to
    assigned frames.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
    following:
        (a) **data** receiver;
        (b) **data** transmission system
        USE - For paging communication system.
        ADVANTAGE - Facilitates transmission of **data** to desired
    destination, irrespective of type receivers.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    the **data** transmitter.
        pp; 12 DwgNo 2/9
Title Terms: **DATA** ; TRANSMIT; PAGE; COMMUNICATE; SYSTEM; SET; TEMPORARY;
  NORMAL; ADDRESS; RELEVANT; PRIMARY; SECONDARY; **DATA** ; GROUP; BASED;
  DATA ; FORWARDING; RELEVANT; DESTINATION
Derwent Class: W01
International Patent Class (Main): H04L-012/54
International Patent Class (Additional): H04L-012/58; H04Q-007/06;
  H04Q-007/08; H04Q-007/12
File Segment: EPI

 17/5/8   (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012605270   **Image available**
WPI Acc No: 1999-411374/199935
XRPX Acc No: N99-307735
  Image data **compressor for digital copier - divides image** data **into
  block of pixels, and separates image area based on gradation difference
  that are compressed by fixed length to some number of bits**
Patent Assignee: RICOH KK (RICO)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 11164150   A   19990618 JP 97326216   A   19971127 199935 B

Priority Applications (No Type Date): JP 97326216 A 19971127
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 11164150 A   8 H04N-001/41

Abstract (Basic): JP 11164150 A
        NOVELTY - Image **data** are divided into blocks and then each block
    is separated into 2*2 pixel area. Depending upon the gradation
    difference, the **block** is **divided** into several **areas** . Each
    divided   **area** is compressed by **fixed** length of same **number** of
    bits. **Image**   **area** is **separated** using high frequency coefficient
    after sub-band conversion.
        USE - For digital copier.
        ADVANTAGE - Efficient quantization can be performed, by comparing
    each area of input **data** and separated image area. DESCRIPTION OF

DRAWING(S) - The figure shows block diagram of digital image forming apparatus.
     Dwg.1/13
Title Terms: IMAGE; **DATA** ; COMPRESSOR; DIGITAL; COPY; DIVIDE; IMAGE; **DATA** ; BLOCK; PIXEL; SEPARATE; IMAGE; AREA; BASED; GRADATION; DIFFER; COMPRESS ; FIX; LENGTH; NUMBER; BIT
Derwent Class: S06; T01; W02
International Patent Class (Main): H04N-001/41
International Patent Class (Additional): H04N-007/30
File Segment: EPI

 17/5/9   **(Item 9 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011675144   **Image available**
WPI Acc No: 1998-092053/199809
XRPX Acc No: N98-073286
  Handwritten character recognition apparatus - has gesture recognition unit which outputs gesture or special symbol based on stroke data corresponding to second stroke code
Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9319826	A	19971212	JP 96133401	A	19960528	199809	B

Priority Applications (No Type Date): JP 96133401 A 19960528
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9319826   A   38 G06K-009/62

Abstract (Basic): JP 9319826 A
    The apparatus extracts from an input written information a row coordinate **data** from which a characteristic point **data** showing the characteristic of each stroke comprising the written information is extracted. The characteristic **data** is classified into a first or a second stroke code. An initial candidate character is selected based on the number of strokes of the written information when the stroke **data** corresponding to the first stroke code is input.
    An on-line recognition process which selects and outputs a second candidate character is done when the **number** of **drawings** of the initial candidate character is greater than a predetermined **number** of **drawings** . Otherwise, the **area** containing the written information is **partitioned** and digitised **data** is produced. An off-line recognition process which selects and outputs a third candidate character based on digitised **data** is done. When stroke **data** corresponding to the second stroke code is input, a gesture recognition unit (17) outputs a gesture or a special symbol based on the stroke **data** .
    ADVANTAGE - Improves recognition rate since incorrect recognition of gesture and symbol is minimised.
    Dwg.1/30
Title Terms: HANDWRITING; CHARACTER; RECOGNISE; APPARATUS; RECOGNISE; UNIT; OUTPUT; SPECIAL; SYMBOL; BASED; STROKE; **DATA** ; CORRESPOND; SECOND; STROKE; CODE
Derwent Class: T01; T04
International Patent Class (Main): G06K-009/62
File Segment: EPI

 17/5/10   **(Item 10 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
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011382890   **Image available**
WPI Acc No: 1997-360797/199733
XRPX Acc No: N97-299854
   Document breakdown appts - carries out re- split of group **when** number
     of document   data **belonging to one group** exceeds   fixed   value
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9153057	A	19970610	JP 95311056	A	19951129	199733	B

Priority Applications (No Type Date): JP 95311056 A 19951129
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9153057	A		12		

Abstract (Basic): JP 9153057 A
       The breakdown appts includes an input unit (1) through which the
   document **data** is input. The document **data** is passed to a controller
   (4). A document breakdown judging unit of the controller categorises
   the input **data** automatically into groups. An external storage device
   (3) stores the categorised `data` groups. Each group of document **data**
   is provided with a unique identifier by a document amendment unit of
   the controller.
       Each identifier is displayed by a display device (2). A group
   choice unit and a document choice unit ease selection of the
   identifier. The group and document lists are displayed on the display
   device. When the document **data** in a group exceeds a fixed value, the
   controller splits the group again.
       ADVANTAGE - Classifies efficiently. Handles large volume of **data** .
       Dwg.1/12
Title Terms: DOCUMENT; BREAKDOWN; APPARATUS; CARRY; SPLIT; GROUP; NUMBER;
   DOCUMENT; **DATA** ; BELONG; ONE; GROUP; FIX; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-017/21
File Segment: EPI

  17/5/11   (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010665616   **Image available**
WPI Acc No: 1996-162570/199617
XRPX Acc No: N99-182070
   Data **forwarding method for facsimile communication system**
Patent Assignee: FUJITSU LTD (FUIT)
Inventor: HASEGAWA M; OKADA A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8018708	A	19960119	JP 94153382	A	19940705	199617	B
US 5892587	A	19990406	US 95407205	A	19950320	199921	
			US 97856043	A	19970514		

Priority Applications (No Type Date): JP 94153382 A 19940705
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8018708	A		15	H04N-001/00	
US 5892587	A		30	H04N-001/00	Cont of application US 95407205

Abstract (Basic): US 5892587 A
       NOVELTY - The entire received mail **data** is **divided** into
     several **blocks** according to page or **specific** size, when the **amount**

of data in page **exceeds** set size. Then, the **divided   data
blocks** are transmitted to specific destination facsimile,
sequentially. The transmission is carried out according to stored
pointer **data** .
     DETAILED DESCRIPTION - During **data** transmission, the transmitting
side facsimile is connected to receiving side facsimile through
communication circuit. A header file for each mail **data** is created
and **data** file containing header and mail **data** is also generated.
The storage location of next file in the header file is designated. The
transmission and receiving speeds of facsimiles are stored. Next block
is transmitted only after transmission completion of previous block. An
INDEPENDENT CLAIM is included for **data** forwarding controller.
     USE - For facsimile communication system.
     ADVANTAGE - The destination facsimile outputs the document quickly
irrespective on number of pages as division of **data** is carried out
during reception. Ensures continuous **data** forwarding as next **data**
block is received before completion of current **data** block due to
data division process. As receiving and transmitting speeds of
facsimile are monitored periodically, exact transmission is assured.
     DESCRIPTION OF DRAWING(S) - The figure shows the principle block
diagram of the **data** forwarding process.
     1A,1B/20
Title Terms: **DATA** ; FORWARDING; METHOD; FACSIMILE; COMMUNICATE; SYSTEM
Derwent Class: W02
International Patent Class (Main): H04N-001/00
File Segment: EPI

 17/5/12   (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004823365
WPI Acc No: 1986-326706/198650
XRPX Acc No: N86-243767
   **Serial   data   processor from one-dimensional image transducer - uses
   sequential** data **division according to divided fields of view**
Patent Assignee: FUJI ELECTRIC MFG CO LTD (FJIE); FUJI ELECTRIC CO LTD
   (FJIE)
Inventor: IZUMI A
Number of Countries: 003   Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3617774	A	19861204	DE 3617774	A	19860527	198650	B
JP 61270984	A	19861201	JP 85112236	A	19850525	198702	
JP 62100093	A	19870509	JP 85238596	A	19851026	198724	
US 4783827	A	19881108	US 86867471	A	19860527	198847	
DE 3617774	C2	19940421	DE 3617774	A	19860527	199414	

Priority Applications (No Type Date): JP 85238596 A 19851026; JP 85112236 A
   19850525
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3617774	A		54		
DE 3617774	C2		29	G06F-015/70	

Abstract (Basic): DE 3617774 A
     The processing appts. writes **data** concerning the number of image
elements in each sequentially divided image field of a one-dimensional
image transducer into a memory. The **data** are read from the memory in
response to the entry of serial video signal **data** to be processed.
     The entered serial video signal **data** are sequentially divided up
according to the individually divided fields of view. The number of
significant image elements corresp. to an image in each field of view
is counted. The result is transferred to another memory as a record.

USE/ADVANTAGE - For production control automation. Simple
real-time processing of serial **data** is performed from one-dimensional
image transducer monitoring products moving on conveyor.
Title Terms: SERIAL; **DATA** ; PROCESSOR; ONE; DIMENSION; IMAGE; TRANSDUCER;
SEQUENCE; **DATA** ; DIVIDE; ACCORD; DIVIDE; FIELD; VIEW
Derwent Class: P62; Q35; T01; T04
International Patent Class (Main): G06F-015/70
International Patent Class (Additional): B25J-019/04; B65G-043/00;
G01N-021/84; G06K-009/03; H04N-007/18
File Segment: EPI; EngPI

  17/5/13   (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO
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06387222   **Image available**
FILE RECORDING METHOD AND **DATA** RECORDER

PUB. NO.:   11-328869 [JP 11328869 A]
PUBLISHED: November 30, 1999 (19991130)
INVENTOR(s): MATSUMI CHIYOKO
              SHIGESATO TATSURO
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.:   10-134861 [JP 98134861]
FILED: May 18, 1998 (19980518)
INTL CLASS: G11B-020/12

                          ABSTRACT

PROBLEM TO BE SOLVED: To improve the efficiency in **data** checking and
rerecording by dividedly recording a large volume of s file, forming and
recording the file and the information relating to the divided files and
making it to possible to handle the large-volume **file** as an adequate
volume.

SOLUTION: A file **data** processor 24 of a **data** controller 21 forms file
information by every filter and rearranges the information together with
the **data** to a prescribed format. In the case of the file **exceeding** the
prescribed **volume** , the **file** is **divided** to a plurality to form the
information to the original large- volume file and the file information
respectively corresponding to the divided files. The information is
outputted to a **data** recording and reproducing device 26 which records the
data on a recording medium 30. A file management section 22 instructs the
reproduction in order to check the recording and checks the signals
transmitted from the **data** recording and reproducing section 26 with the
file **data** processor 24 for each of the divided files. If there is the
divided file not subjected to correct recording, the rerecording of only
this divided file is executed.

  17/5/14   (Item 14 from file: 347)
DIALOG(R)File 347:JAPIO
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03481965
METHOD AND DEVICE FOR APPROXIMATING LINE PICTURE

PUB. NO.:   03-144865 [JP 3144865 A]
PUBLISHED: June 20, 1991 (19910620)
INVENTOR(s): OKAZAKI SHINICHIRO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
              (Japan)

ABSTRACT

PURPOSE: To approximate inputted sequence-of-points to **N** -pieces of
definite approximate shapes by over- **dividing** the inputted
sequence-of-points into **sections more than** the **number** of **pieces**
N of the **predetermined** approximate shapes and approximating the
inputted sequence-of-points by combining over-divided sections so that an
approximation error becomes minimum.

CONSTITUTION: When **N** -pieces of the approximate shapes are given, the
approximated sequence-of-points is divided into plural linear direction
sections which have linear average direction change and in addition, whose
average error from linearity is below a threshold T by using the value of
the direction of a direction picture in the approximated
sequence-of-points. This linear direction section dividing processing is
repeated as changing the threshold T until the number of the linear
direction sections obtained by this becomes more than **N** . Then, the
neighboring plural linear direction sections are collected together, and
the combination of the linear direction sections to make **N** -pieces of
integrated approximate section is generated, and the integrated approximate
sequence-of-points of the minimum approximation error E is obtained from
among the obtained integrated approximate sequence-of-points of M(sub
-1)CN(sub -1)-kinds, and the approximation error E and the shape parameter
are outputted. Thus, an inputted line picture can be segment-circular arc
approximated to **N** -pieces of the approximate shapes.

 17/5/15   (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03366148   **Image available**
 DATA TRANSFER SYSTEM

ABSTRACT

PURPOSE: To transfer **data** at a high speed by turning the **data** into a
block to transfer it via a block transfer part if the quantity of **data** to
be transferred is larger than the quantity of boundary **data** and then
transferring the due **data** and the remaining **data** via a non-block
transfer part if the quantity of **data** to be transferred is smaller than
that of boundary **data** .

CONSTITUTION: A transfer **data** quantity deciding part 11 decides whether
the **quantity** of **data** to be transferred is larger than a prescribed

quantity of boundary **data** or not. A **block** forming part 12 **divides** the transfer **data** larger than the boundary **data** into a block of a prescribed quantity of **data** and the remaining **data** . A block transfer part 13 transfers the block **data** while deciding whether the number of blocks to be transferred one by one are through or not. Then a non-block transfer part 14 transfers the **data** less than a block while deciding whether the quantity of **data** to be transferred for each piece is through or not. As a result, the deciding frequency is reduced and the **data** transfer time is shortened.

17/5/16   (Item 16 from file: 347)

03165088   **Image available**
DRYING CONTROL DEVICE FOR CEREAL DRIER

PUB. NO.:   02-140588   [JP 2140588 A]
PUBLISHED: May 30, 1990 (19900530)
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ABSTRACT
PURPOSE: To enable the execution of drying without lowering a sprouting rate even when unevenness in a moisture content of cereals, e.g. seed unhulled rice, by a method wherein moisture content **data** obtained by measuring the moisture content of each grain of a plurality of cereals is **divided** into a plurality of **sections** to calculate the **number** of **data** at each section, and when the **number** of **data** **exceeds** a **given** **value** , based on the moisture content of the section on the largest value side, the temperature of hot blast is set.

CONSTITUTION: With a moisture content gauge 15 actuated, cereals in a drier 1 are sampled one by one, for example, 200 grains are sampled to measure a moisture content value thereof. Based on moisture content value **data** of measured 200 grains, processing of **data** is effected as follows. Namely, from **data** on 200 grains, an average moisture content value M.mu. and a maximum **value** and a minimum **value** are determined. The sections of the maximum **value** and the minimum value are divided with, for example, every 0.5% to set a plurality of **sections**, and the number of **data** of each section is determined. The number of **data** at each section is checked from the highmost value side, and a moisture content value M1 of a first section where the number of **data** exceeds a given value, for example, 5 pieces, is determined. It is judged whether the average moisture content value M.mu. is below a stop moisture content value Mt, and when it is not therebelow, a hot blast temperature Ts is calculated according to a given computing formula to set a calculating result.

17/5/17   (Item 17 from file: 347)

03085284   **Image available**
PRINTER STATE DISPLAY DEVICE

ABSTRACT

PURPOSE: To obtain a small-size display device by a method wherein a memory
 area   of   a memory device is **divided** into **more** than a predetermined
number of **parts** according to the content of **data** , and the **data**
stored in the two or more memory areas are successively displayed on the
display device at fixed periods.

CONSTITUTION: **Data**   is stored in a **data** memory device 2 dividedly into
an abnormal name display **data** memory area 5 and an action method display
 data   memory area 6.   If the abnormality of the device is detected, the
 data   stored in the abnormal name display **data** memory area 5 and the
action method display **data** memory area 6 in the **data** memory device 2 is
displayed on a display device 3 by a controller 1 according to the content
of the abnormality.   **Data** for displaying the name of the abnormality is
read from the abnormal name display **data** memory area 5, and **data** for
displaying an action method for the abnormality is read from the action
method display   **data** memory area 6. On the display device 3, the name of
the abnormality is displayed and, after a fixed time, the action method to
be taken for the abnormality is displayed and, further after a fixed time,
the name of the abnormality, which has been firstly displayed, is
displayed; thus, these are repeatedly displayed at fixed periods.

 17/5/18   (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO
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02776279   **Image available**
IMAGE TRANSMISSION SYSTEM

ABSTRACT

PURPOSE: To improve picture quality and transmission efficiency, by adding
and transmitting the dense image **data** of a reference image in which the

compressiblity of the **data** volume of the reference image except for a changed image is lowered on the coarse image **data** of the changed image when the **data** volume of the coarse image **data** of the changed image is few and less than a prescribed **data** volume.

CONSTITUTION: When the **data** volume of the changed image **exceeds** a prescribed transmission **data** **volume** , the coarse **image** **data** of the changed image is **divided** into several **blocks** , then, transmitted. Also, when the **data** volume of the changed image is less than the prescribed transmission **data** volume, dense image **data** (c(sub 1)-c(sub n)) of the reference image in which the unchanged part of the reference image is compressed by a compression method with low compressibility and and with a large volume of **data** are added on the coarse image **data** (b(sub 1)-b(sub 5)) of the changed image, and transmission is performed after one block is filled by a prescribed transmission volume. By using such image transmission system, no null period is generated, and a clear reference image in an unchanged part is transmitted sequentially, and the changed image can be displayed at a reception side at a constant time interval to, and also, the clear image in the unchanged part can be displayed on a display part 7.

 17/5/19   (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO
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02524866   **Image available**
PRINTING SYSTEM

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INVENTOR(s):   SHICHIMURA MASANORI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
               (Japan)
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               BBD)
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ABSTRACT

PURPOSE: To drive a printing head even when a power source low in current capacity is used, by a method wherein a binary image **data** group is inputted and, when the **number** of **image** **data** having a characteristic logical value exceeds a predetermined set number, said binary **image** **data** **group** is **divided** into a plurality of **groups** to regenerate an image.

CONSTITUTION: The image **data** sent out from an image sensor 10 in synchronous relation to an input shift clock is introduced into a converter circuit 11 and the image **data** corresponding to one word (8 bits) is taken in a control part 12. At this time, unless a half black flag is not already set to 1, the number of the black dots contained in the image **data** concerned are counted and a full-while flag is reset. This counting is performed by introducing the image **data** corresponding to one block into a heat generator 18 and, when count value reaches N /28 or more (that is, 1/2 or more the number of the heat generators contained in each block), a haft-black flag is set.

 17/5/20   (Item 20 from file: 347)
DIALOG(R)File 347:JAPIO

01193678   **Image available**
THERMAL PRINTER

ABSTRACT

PURPOSE: To prevent a thermal head from overheating, by a method wherein
when the   **number**   of picture **elements** printed in any one of **divided
sections**   is   **larger**   than a **predetermined   value** , printing in the
subsequent sections in the same scanning for printing is conducted in a
divided manner.

CONSTITUTION: When printing with a relatively high printing density as
shown in Figure 1, a printing-restricting signal is supplied into a
printing-controlling part when the printing proceeds to the second section
N2. Accordingly, starting from the third section N3 subsequent to the
second section N2, driving singals for printing are extracted from printing
 data   for   every   other   dot   row,   and are supplied from the
printing-controlling part to the thermal head to scan the head one time,
whereby printing of a bar graph part starting from the third section N3 is
conducted for every other dot row, as shown in Figure 2. Then,
synchronously with the completion of the first-time scanning, the thermal
head is returned without feeding the paper, then printing signals related
to the dot rows which have been skipped in the preceding printing are
supplied, and the second- time scanning is conducted to print an image
shown in Figure 3, thereby completing the printing of the image shown in
Figure 1.